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Experiment  
Station  
Bozeman,  
Montana

# MONTANA WATER SUPPLY OUTLOOK

Snowpack and Streamflow  
Forecasts as of  
January 1, 1982



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THE MONTANA WATER SUPPLY OUTLOOK IS A PUBLICATION OF THE U.S. SOIL  
CONSERVATION SERVICE. THE SCS ADMINISTERS THE COOPERATIVE SNOW  
SURVEY PROGRAM IN COOPERATION WITH OTHER FEDERAL, STATE, AND PRIVATE  
AGENCIES, ORGANIZATIONS, AND INDIVIDUALS.

THE REPORT IS PREPARED BY SCS, SNOW SURVEY AND WATER SUPPLY FORECAST  
UNIT, P. O. BOX 98, BOZEMAN, MONTANA.

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## SNOWFALL pH - WINTER 1980-1981

In conjunction with regular snow surveys, employees from the SCS and cooperating agencies took 436 individual pH readings in Montana last winter.

Analysis indicates snowfall in southwestern Montana has lower pH than in other areas. Lowest pH levels, between 4.0 and 5.0, were consistently observed in the Big Hole and Bitterroot River headwaters and in portions of the Upper and Lower Clark Fork, Beaverhead and Madison River drainages. Other watersheds to the north and east had pH levels that were generally in the 5.0 to 6.0 range.

A pH of 5.6 is considered "normal" for precipitation. Values less than 5.0 are generally considered "acid precipitation." A pH of 4.0 is ten times more acidic than a pH of 5.0.

Measurements will be continued this winter. Data from both years will be analyzed to determine any relationships between storm tracks and pH levels, which may help determine possible source areas.

A printed report entitled "Montana Snowfall pH Study, Winter 1980-81", is available from SCS Snow Survey Unit, P. O. Box 98, Bozeman, MT 59715-0092.



UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
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PROCUREMENT SECTION  
CURRENT SERIAL RECORDS

## STATEWIDE OUTLOOK

### STREAMFLOW FORECASTS

Most drainages are forecast to have near average or a little below average runoff for the April through September 1982 period, assuming precipitation for the next six months is near normal. Forecasts for smaller streams will be issued next month after snowfall patterns become more definite.

### MOUNTAIN SNOWPACK

Much of the state has near average mountain snowpack. Generally, the southwestern areas have better snow cover than northern and eastern drainages.

The snowpack is above average along the Continental Divide from Yellowstone National Park to Lost Trail Pass and in the Bitterroot Range. The southern areas of Yellowstone Park are much above average. There are some areas that show below average snowpack. These are in the smaller mountain ranges in central Montana and most of the Kootenai, Flathead, Lower Clark Fork, and Blackfoot River drainages.

### WEATHER OUTLOOK FOR JANUARY 1982

The National Weather Service is expecting temperatures to be near normal over most of the state. A small area in southwest Montana is projected to have above average temperatures.

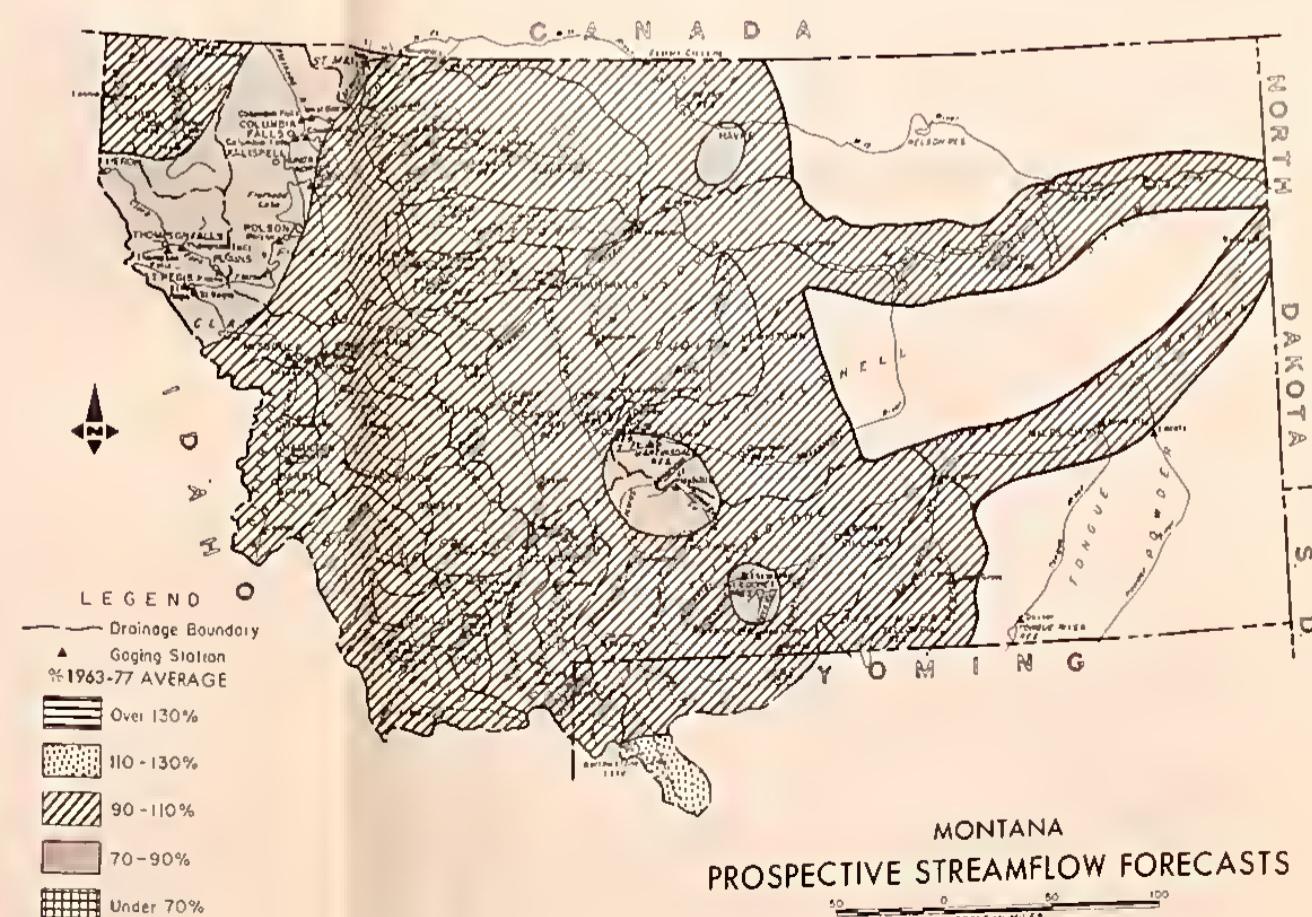
Precipitation over the western half of Montana is shown in the above average range while the eastern half is in the below average area.

By January 1, about 40 percent of the season's snowpack is accumulated on the mountain watersheds. With much of the snowfall season remaining, it may be another month or two before this season's snowfall pattern can be accurately determined. For this time of year, conditions appear to be more favorable than for the past two seasons.

### MAP OF SNOW SURVEY SITES

A map of Montana Snow Survey Sites is included in this Water Supply Outlook Report. Please keep this copy because future issues this season will not include a map.

A few extra copies are available from the Snow Survey office. Maps showing only SNOTEL sites are also available. If needed, additional copies may be requested.





# Missouri River & Hudson Bay Drainages

## STREAMFLOW FORECASTS

BASIN, STREAM AND FORECAST POINT	THIS YEAR			PAST RECORD		
	FORECAST	THOUSAND ACRE FEET	LAST YEAR	FORECAST	THOUSAND ACRE FEET	LAST YEAR
PERIOD						
	APRIL - SEPTEMBER			APRIL - JULY		

BIG HOLE RIVER near Melrose . . . . .	730	92	792	680	93	730
MADISON RIVER near McAllister (4) . . . . .	800	90	716	645	91	602
GALLATIN RIVER near Gateway . . . . .	516	90	572	440	90	488
MISSOURI RIVER at Toston (7) . . . . .	2450	92	2817	2145	92	2619
SUN RIVER at Gibson Dam (8) . . . . .	525	91	498	580	91	457
MISSOURI RIVER at Fort Benton (9) . . . . .	3819	92	4148	3350	92	3640
MARIAS RIVER near Shelby . . . . .	530	92	432	577	92	408
MISSOURI RIVER at Virgiline (11) . . . . .	4313	90	5214	4160	91	4586
MISSOURI RIVER near Landusky (11) . . . . .	4742	91	4436	4929	90	4381
MISSOURI RIVER below Fort Peck Dam (11) . . . . .	12105	90	13,450	11000	90	12,239
INFLOW LAKE SAKAKAWEA, ND (11) . . . . .						

(1) Adjusted for storage in Lima Reservoir.  
 (2) Adjusted for storage in Beaverhead and Madison River headwaters.  
 (3) Adjusted for storage in Hebgen Lake.  
 (4) Adjusted for storage in Two Medicine Reservoir & diversions in Two Medicine Canal.  
 (5) Sum of West Fork Hyalite Creek and East Fork Hyalite Creek above the Reservoir.  
 (6) Adjusted for storage in Middle Creek Reservoir.  
 (7) Adjusted for storage in Lima, Hebgen, Ennis & Clark Canyon Reservoirs.

ALL FORECASTS PREPARED IN COOPERATION WITH THE NATIONAL WEATHER SERVICE

## MOUNTAIN SNOWPACK

Water content of the snowpack is above average in the Bighole, Beaverhead and Madison River headwaters. It is below average along the Continental Divide in the headwaters of the Bearborn, Sun, Teton, Marias, and St. Marys River and in small mountain ranges in central Montana. Most of the Missouri River headwaters area has a near average snowpack. Soil moisture under the snowpack is near normal in the southwestern headwaters and near to below normal in other areas.

### SUMMARY OF SNOW MEASUREMENTS

RIVER BASIN	NUMBER OF SUB-SHEDS	THIS YEAR'S SNOW WATER AS PERCENT OF PREVIOUS YEAR
LAST YEAR		
Beaverhead . . . . .	9	139
Ruby . . . . .	3	179
Big Hole . . . . .	6	140
Boulder . . . . .	9	114
Jefferson . . . . .	27	137
Madison . . . . .	18	147
Gallatin . . . . .	14	178
Missouri Headwater (Toston-Cascade) . . . . .	59	150
West-side Missouri (Toston-Cascade) . . . . .	8	108
Smith . . . . .	5	110
Belt Arrow . . . . .	3	127
Missouri Mainstem . . . . .	16	112
Teton & Sun . . . . .	4	146
Marias . . . . .	3	100
Marias-Teton-Sun . . . . .	7	116
Judith . . . . .	5	110
Musselshell . . . . .	5	110
Judith-Musselshell . . . . .	10	110
Milk . . . . .	7	174
Bear Paws . . . . .	6	785
Missouri (Total) . . . . .	92	136
LAST YEAR		
Saskatchewan		
St. Mary's . . . . .	2	72
Bow River in Alberta . . . . .	--	--



## STREAMFLOW FORECASTS

Most streams are expected to produce near average to a little below average runoff during the spring and summer months, assuming precipitation averages near normal for the next six months. Some of the smaller streams in the Bighole and Beaverhead River headwaters could have streamflow above average. Streams draining the smaller mountain ranges in central Montana could have below average streamflows if present precipitation patterns continue. Streamflow forecasts for all stations will be issued after the February 1, 1982 snow survey data is obtained.

# Yellowstone River Drainage

## STREAMFLOW FORECASTS

BASIN, STREAM AND FORECAST POINT	THIS YEAR			PAST RECORD		
	FORECAST	THOUSAND ACRE FEET	LAST YEAR	FORECAST	THOUSAND ACRE FEET	LAST YEAR
PERIOD						
	APRIL - SEPTEMBER			APRIL - JULY		

YELLOWSTONE RIVER at Corwin Springs . . . . .	2030	97	1703	1,102	1700	97
YELLOWSTONE RIVER near Livingston . . . . .	2350	95	1,471	1950	95	2,048
CLARKS FORK RIVER near Belfry . . . . .	580	90	644	508	90	564
YELLOWSTONE RIVER at Billings . . . . .	4200	90	3998	1,682	3565	90
BIGHORN RIVER near St. Xavier (3) . . . . .	1841	91	1,331	1,034	1,690	91
YELLOWSTONE RIVER at Miles City (4) . . . . .	6425	90	1,142	5600	90	6,243
YELLOWSTONE RIVER near Sidney (5) . . . . .	7000	90	1,806	6100	90	6,805

(1) Adjusted for storage in Mystic Lake.  
 (2) Adjusted for storage in Coocoy Reservoir.  
 (3) Adjusted for storage in Buffalo Bill, Boysen, Bull Lake, Pilot Butte and Bighorn Reservoirs.  
 (4) Adjusted for storage in Bull Lake, Buffalo Bill, Boysen, Pilot Butte, Bighorn and Tongue River Reservoirs.  
 (5) Adjusted for reservoirs shown in (4) and diversions into the Lower Yellowstone Coal.

## AGENCIES AND ORGANIZATIONS COOPERATING IN MONTANA SNOW SURVEYS

GOVERNMENT AGENCIES	THIS YEAR			PAST RECORD		
	FORECAST	THOUSAND ACRE FEET	LAST YEAR	FORECAST	THOUSAND ACRE FEET	LAST YEAR
PERIOD						
	APRIL - SEPTEMBER			APRIL - JULY		

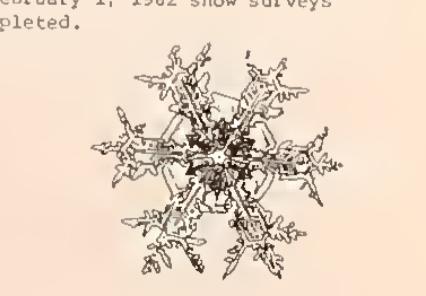
STATE AGENCIES	THIS YEAR			PAST RECORD		
	FORECAST	THOUSAND ACRE FEET	LAST YEAR	FORECAST	THOUSAND ACRE FEET	LAST YEAR
PERIOD						
	APRIL - SEPTEMBER			APRIL - JULY		

PRIVATE ORGANIZATIONS  
 The Anaconda Company  
 Big Sky of Montana  
 Butte Water Company  
 Flathead Valley Community College  
 Montana Power Company

Other organizations and individuals furnish valuable information for snow survey reports. Their cooperation is gratefully acknowledged.

## STREAMFLOW FORECASTS

Yellowstone Lake inflow is expected to be above average during the spring and summer months. The flows decrease downstream to a little below average where the Yellowstone leaves Montana. Unless there is some improvement in snow conditions in the next few months, below average runoff is expected in some of the smaller drainages. Forecasts for smaller tributaries will be issued after February 1, 1982 snow surveys are completed.



# SNOW SURVEY DATA

## SNOW JANUARY 1982

### DRAINAGE BASIN AND SNOW COURSE

#### NAME ELEVATION

#### DATE AT SURVEY SNOW DEPTH (INCHES)

#### ASPECT AND COMPACTED SNOW

#### LAST RECORD

#### SNOW COURSE NUMBER

#### NAME ELEVATION

#### DATE AT SURVEY SNOW DEPTH (INCHES)

#### ASPECT AND COMPACTED SNOW

#### LAST RECORD

#### SNOW COURSE NUMBER

#### NAME ELEVATION

#### DATE AT SURVEY SNOW DEPTH (INCHES)

#### ASPECT AND COMPACTED SNOW

#### LAST RECORD

## &lt;h

# Columbia River Drainage

## STREAMFLOW FORECASTS

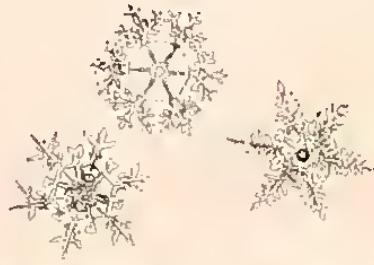
BASIN, STREAM and/or FORECAST POINT	PERIOD	THIS YEAR				PAST RECORD				THIS YEAR				PAST RECORD			
		FORECAST		PAST RECORD		FORECAST		PAST RECORD		FORECAST		PAST RECORD		PAST RECORD		PAST RECORD	
		Thousands Acre Feet	Percent of Average	Last Year	Average	Thousands Acre Feet	Percent of Average	Last Year	Average	Thousands Acre Feet	Percent of Average	Last Year	Average	Thousands Acre Feet	Percent of Average	Last Year	Average
KOOTENAI RIVER below Libby Dam (1)	6890	95	6726	7,246	5870	95	5516	6,178	5900	96	4573	6,150	5900	96	4573	6,150	
KOOTENAI RIVER at Leonia (1)	8490	96	7941	8,883	7390	96	6601	7,727	715	90	715	794	715	90	715	794	
BLACKFOOT RIVER near Bonner	917	90		1,017	830	90		920	545	89	545	613	545	89	545	613	
CLARK FORK RIVER above Hilltown (6)	749	89		843	660	90		730	552	95	552	480	552	95	552	480	
CLARK FORK RIVER above Missoula	1666	90	1530	1,859	1490	90	1359	1,651	1260	90	1148	1,408	1260	90	1148	1,408	
BITTERROOT RIVER near Darby	570	95	445	602	523	95	401	552	454	95	339	480	454	95	339	480	
BITTERROOT RIVER at Missoula (9)	1470	95		1,543	1350	95		1,416	1150	95		1,211	1,416	1150	95	1,211	
CLARK FORK RIVER below Missoula	3136	92		3,405	2840	93		3,069	2410	92		2,618	3,069	2410	92	2,618	
CLARK FORK RIVER at St. Regis	4090	90	3586	4,521	3690	90	3240	4,078	3160	90	2797	3,492	3160	90	2797	3,492	
NORTH FORK FLATHEAD RIVER near Columbia Falls	1710	87		1,969	1550	87		1,782	1300	87		1,498	1,782	1300	87	1,498	
MIDDLE FORK FLATHEAD RIVER near West Glacier	1680	88	1504	1,911	1540	88	1385	1,750	1290		1134	1,470	1290		1134	1,470	
SOUTH FORK FLATHEAD RIVER near Columbia Falls (10)	2070	90	1815	2,302	1940	90	1714	2,159	1700	90	1475	1,884	1700	90	1475	1,884	
FLATHEAD RIVER at Columbia Falls (10)	5610	89	5061	6,330	5160	89	4664	5,827	4420	89	3860	4,964	4420	89	3860	4,964	
FLATHEAD RIVER near Polson (11)	6600	89	6097	7,394	6080	89	5622	6,806	5140	89	4600	5,779	5140	89	4600	5,779	
CLARK FORK RIVER near Plains (11)	11000	89	10071	12,340	10000	89	9190	11,222	8460	89	7570	9,507	8460	89	7570	9,507	
CLARK FORK RIVER at Whitehorse Rapids (12)	12000	87	13,781	10900	87			12,519	9250	87		10,633	12,519	9250	87	10,633	

## SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUBWATERSHED	Number of Counties Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF LAST YEAR AND AVERAGE	
		LAST YEAR	AVERAGE
East Kootenay/BC.	8	61	77
Kootenai/Montana	10	94	78
Kootenai above Bonners Ferry...	18	78	77
Little Bitterroot	--	---	---
N. Fk. Flathead..	6	82	69
M. Fk. Flathead..	4	84	74
S. Fk. Flathead..	4	146	85
Swan .....	2	105	82
Flathead .....	13	86	73
Stillwater & Whitefish.....	1	83	63
Clark Fork above Blackfoot .....	23	128	87
Blackfoot .....	15	163	90
Upper Clark Fork above Missoula ..	38	142	88
Bitterroot .....	7	164	112
Lower Clark Fork below Missoula ..	6	141	94
Clark Fork (Total w/o Flathead)...	51	146	94
Pend O'Reille (Clark Fork & Flathead) .....	64	121	87
Columbia (Pend O'Reille & Kootenai) .....	69	115	88

## MOUNTAIN SNOWPACK

Except for the southwestern part of the Bitterroot River drainage, all drainages have near a below average snowpack. Recent storms in this area have delayed some of the helicopter snow survey measurements, and present conditions are probably a little better than indicated by measurements made the last week in December 1981. Over half of the snow accumulation season remains, and conditions may change depending on future storm patterns. Mountain soils beneath the snow are a little drier than normal in most headwater areas.

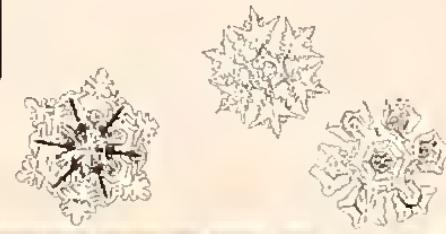


## STREAMFLOW FORECASTS

Streamflows during next spring and summer are expected to be near to a little below average in southern drainages and in the Kootenai River drainage. The Flathead and Lower Clark Fork Rivers are forecast to have runoff that is 10 to 13 percent below average. Forecasts for major drainages will be updated and smaller tributary runoff will be forecast after February 1, 1982. Snow surveys have been completed.

- (1) Adjusted for storage in Lake Koocanusa.
- (2) Adjusted for storage in Silver Lake, diversions to and pumping from Georgetown Lake.
- (3) Adjusted for storage in Georgetown Lake, diversions from and pumping to Silver Lake.
- (4) Sun Flint Creek at Maxville and Boulder Creek at Maxville.
- (5) Sun of North Fork Lower Willow Creek near Hall and South Fork Lower Willow Creek near Hall.
- (6) Difference in observed flow Clark Fork above Missoula and Blackfoot near Bonner.
- (7) Adjusted for storage in Painted Rocks Reservoir.
- (8) Adjusted for diversion into Sunset Highway Canal.
- (9) Difference in observed flow Clark Fork above and below Missoula.
- (10) Adjusted for storage in Hungry Horse Reservoir.
- (11) Adjusted for storage in Hungry Horse Reservoir and Flathead Lake.
- (12) Adjusted for storage in Hungry Horse Reservoir, Flathead Lake and Noxon Rapids Reservoir.

ALL FORECASTS PREPARED IN COOPERATION WITH THE NATIONAL WEATHER SERVICE



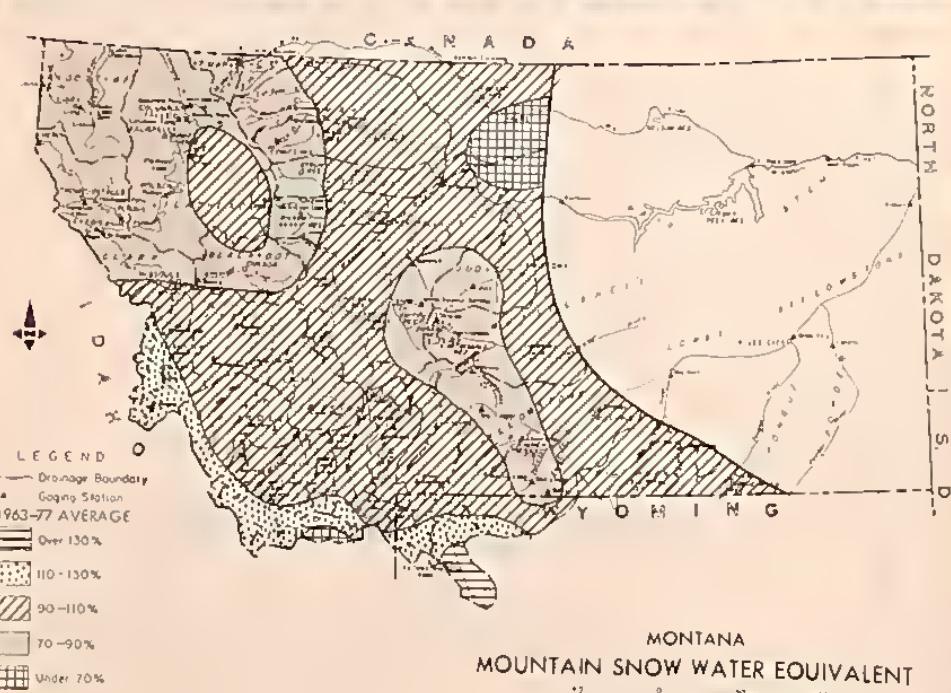
## SATELLITE SNOW COVER

### MISSOURI RIVER BASIN

Above Canyon Ferry Dam

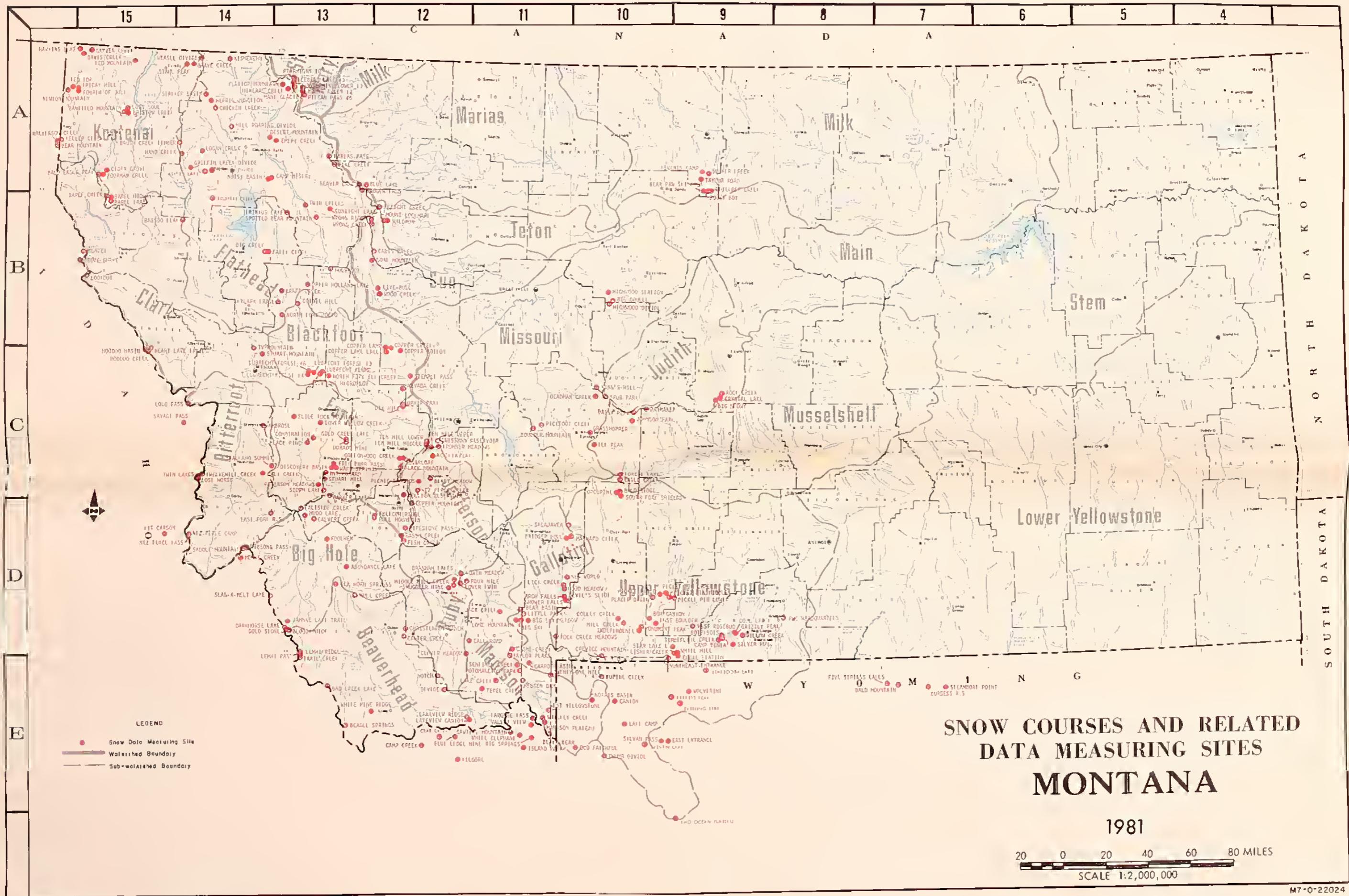
DATE	PERCENT SNOW COVER	AVERAGE SNOWLINE ELEVATION IN FEET
November 8, 1981	9.5	8535
November 19, 1981	53	6530
November 26, 1981	100	3800
November 29, 1981	100	3800
December 7, 1981	71	5770
December 17, 1981	100	3800
December 20, 1981	91	4680
December 29, 1981	95	4380

DATA PROVIDED BY NOAA/NESS



## RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

BASIN or STREAM	RESERVOIR	Urge Capacity	Urge Storage		
			THIS YEAR	LAST YEAR	AVERAGE
<b>COLUMBIA</b>					
Kootenai	Koocanusa	5,748.2	3,655	3,704	---
Flathead	Hungry Horse	3,451.0	2,603	2,833	2,624
	Flathead Lake	1,791.0	1,171	1,408	1,428
	Camas (4)	45.2	20.0	22.8	19.4
Clark Fork	Mission Valley (8)	100.3	19.6	26.2	34.4
	Georgetown Lake	31.0	29.8	30.0	28.2
	Lower Willow Creek	4.9	.9	1.6	1.4
Bitterroot	Nevada Creek	12.6	4.5	5.8	4.3
	Noxon Rapids	334.6	322.8	308.2	318.7
	Painted Rocks	31.7	---	---	18.3
	Como	34.9	---	---	9.0
<b>MISSOURI</b>					



INDEX TO MONTANA SNOW COURSES AND DATA SITES

Snow Course	Sensors In Addition to Snow Courses						Oreinage Basin
	Elev.	Sec.	Topo.	Range	Snow Course <sup>3</sup>		
Abundance Lake	6800	7	35	31W	Big Hole		
Abundance Lake	6480	28	9N	10W	Bitterroot		
Amrose	6480	3	55	6E	Gallatin		
Arch Falls	7350	3	55	23W	P	Flothead	
Ashley Lake	4820	30	28N	23W	P	Flothead	
Ashley Lake	4000	8	28N	23W	Iron-Meritas-Sun		
Badger Pass	6900	4	27N	11W	A,P,S,I	Kootenai	
Bald Eagle Creek	5700	6	27N	31W		Kootenai	
Bald Ridge	7500	11	4N	10E		Upper Yellowstone	
Banfield Mountain	5600	4	22N	30W	S,P,I,W	Kootenai	
Bear Creek	5500	36	26N	31W		Kootenai	
Bear Midway	4500	33	26N	30W		Kootenai	
Bear Creek	3800	5	25N	30W		Kootenai	
Bear Lakes	6250	17	4N	12W	S,P,I	Clark Fork	
Basin Creek	7180	31	1N	7W	S,P,I	Clark Fork	
Basson Peak	\$150	11	24N	25W	S,P,I	Beaverhead	
Boggs Springs	8850	6	36S	11W	S,P,I		
Bear Basin	8150	9	6S	3E		Gallatin	
Bear Paw S1 Area	5200	21	28N	16E	P	Hill	
Bear Lake	5900	31	28N	11W		Flothead	
Berry Meadow	7000	8	5N	5W		Jackson	
Big Coulee	5100	10	1N	9E		Missouri Main Stem	
Big Creek	6750	7	22N	16W		Flothead	
Big Sky	1700	30	6S	3E	P	Gallatin	
Big Sky Meadow	6350	35	6S	3E		Gallatin	
Big Snowy	1150	25	12N	17E		Judith	
Black Bear	1950	21	15S	5E	S,P,I	Madison	
Black Mountain	7150	34	7N	8W		Clark Fork	
Blair Pine	7100	26	8N	15W	S,P,I	Clark Fork	
Bloody Gills	2600	12	8S	16W	S,P,I	Beaverhead	
Blue Lake	5900	25	28N	11W	A	Iron-Meritas-Sun	
Bols Sols	7750	35	1S	38E		Upper Yellowstone	
Boulder Mountain	7950	1	9S	3E	S,P,I	Missouri Main Stem	
Box Canyon	6100	28	6S	12F	S,P,I	Upper Yellowstone	
Bowlder Creek	5100	24	28N	16E	P	Ruby	
Bronson Lakes	8850	5	4S	3W			
Bridger Bowl	7250	25	1N	6F	S,P	Gallatin	
Bristow Creek	3900	2	32N	30W		Kootenai	
Brush Creek	5000	12	30N	26W		Kootenai	
Bull Mountain	6600	18	2N	9W		Big Hole	
Cabin Creek	5200	34	23N	10W		Iron-Meritas-Sun	
Coll Road	8050	21	8S	2W		Madison	
Colvert Creek	6430	34	21F	14W	S,P,T		
Cerp Misery	6300	30	28N	18W			
Deep Senda	7090	2	6S	18E		Upper Yellowstone	
Corras Basin	9000	18	10S	4F	S,P	Gallatin	
Corral Creek	1300	22	8S	7W		Beaverhead	
Coshe Creek	7800	8	9S	3F	S,P,T	Gallatin	
Ceder Creek	3760	35	28N	31W		Kootenai	
Cheesman Reservoir	6200	2	8N	5W		Missouri Main Stem	
Chirico Creek	4050	14	13N	23W		Fleshed	
Christensen Ranch	6000	34	7S	7W	P,HSC	Beaverhead	
Clover Meadow	6600	26	9S	2W	S,P,I	Ruby	
Cole Creek	7850	26	15S	19E	S,P,I	Upper Yellowstone	
Colley Creek	6300	34	6S	10E	P	Upper Yellowstone	
Combination	5600	1	8N	14W	S,P,T	Clark Fork	
Coola Stollon	8150	19	9S	15F		Upper Yellowstone	
Copper Bottom	5200	15	15N	8W	S,P,I	Clark Fork	
Copper Camp	6950	3	15N	9W	S,P,I	Clark Fork	
Copper Creek	5100	1	15N	9W		Clark Fork	
Copper Lake Creek	6100	3	15N	9W		Clark Fork	
Copper Mountain	7700	13	3N	7W		Jefferson	
Collowood Creek	6400	14	7N	8W		Clark Fork	
Coyote Hill	4200	12	16N	36W		Clark Fork	
Creville Mountain	8400	22	9S	9E		Upper Yellowstone	
Crystal Loir	6100	19	12N	10E	S,P,I	Judith	
Dad Creek Loir	8400	24	12S	13W		Beaverhead	
Daisy Pec's	7600	34	11N	11E	P	Big Hole	
Dale Creek	5180	16	5N	18W	S,P,I	Bitterroot	
Danshore Lake	8500	4	6S	16W	S,P,I	Kootenai	
Davis Creek	5400	20	31N	33W			
Deadman Creek	6450	23	12N	8E	S,P,I	Missouri Main Stem	
Deserl Mountain	5600	30	31N	10W		Flothead	
Devill's Slide	8100	14	5S	6E		Gallatin	
Discovery Basin	7050	21	6N	13W		Clark Fork	
Dilid	7800	14	12S	4W	S,P,I	Ruby	
Dix Hill	6400	24	11N	6W	P	Clark Fork	
Erger Creek	7000	2	5N	10E		Musselshell	
East Boulder S	9250	14	7S	12F	4		
East Fort R. S.	5400	16	2N	17W		Bitterroot	
El Dorado Mine	1600	23	8N	12W		Clark Fork	
Fix Horn Springs	7800	21	4S	12W		Braverhead	
Fly Peak	8000	10	8N	8E		Missouri Main Stem	
Emery Creek	4350	20	31N	18W	S,P,I	Flothead	
Folly Creek	5500	8	22N	18W		Flothead	
Fish Creek	8000	5	15	7W		Jackson	
Fisher Creek	9100	11	9S	14E	S,P,I	Upper Yellowstone	
Five-Bull	5700	25	20N	10W		Teton-Meritas-Sun	
Flallop Mountain	6300	12	35N	18W	S,P,I	Flothead	
Fleerer Ridge	7500	3	1N	10W		Big Hole	
Foolhen	8280	11	15	13W		Big Hole	
Forrest Lake	6400	26	6N	10E		Musselshell	
Four Mile	6900	5	4S	2W	P	Kootenai	
Fourth of July	3450	19	34N	33W		Clark Fork	
Fred Burt Pass	8000	12	6N	13W		Upper Yellowstone	
Freight Creek	6000	13	26N	10W		Iron-Meritas-Sun	
Friday Hill	4620	19	34N	33W		Kootenai	
Frohner Meadows	6480	23	8N	5W	S,P,I	Missouri Main Stem	
Garver Creek	4250	18	37N	32W	S,P,I,W	Bitterroot	
Gibbons Pass	7100	3	25	19W			
Gaol Mountain	7000	20	22N	10W		Teton-Meritas-Sun	
Gold Creek	7200	14	8N	12W			
Gold Stone	8100	11	8S	16W		Bitterroot	
Grasshopper	7000	19	9N	6F		Braverhead	
Grave Creek	4300	3	36N	25W	S,P,I	Missouri Main Stem	
Griffin Creek Olidre	5150	31	28N	25W		Kootenai	
Grizzly Prol	8400	26	7S	19E		Upper Yellowstone	
Gunsight Lole	6300	30	26N	13W		Flothead	
Hand Creek	5035	6	29N	25W	S,P,T	Flothead	
Heelins Lake	6450	18	37N	33W	S,P,I,W	Kootenai	
Hayester	8050	16	31W	12E		Musselshell	
Horn Lake Iroll	4800	31	14N	27W		Clark Fork	
Horogen Dm	6550	22	11S	3F		Madison	
Hill Roaring Olidre	5770	35	32N	25W		Flothead	
Herring Junction	8850	19	34N	23W	P	Flothead	
Hillwood Divide	5650	16	19N	9E	P	Missouri Main Stem	
Highwood Station	4600	20	20N	9E	P	Missouri Main Stem	
Hobbrook	4530	18	21N	13W	A	Flothead	
Hood Meadow	6600	22	4S	6E		Gallatin	
Hoodoo Basin	6000	17	14N	27W	S,P,T	Clark Fork	
Hoodoo Creek	5900	16	14N	27W		Clark Fork	
Ironberg Lake	5600	1	35H	17W		St. Mary	
Independence	7250	21	7S	12F		Upper Yellowstone	
Intergard	6450	6	15N	13W		Clark Fork	
Jack Creek	6650	1	6S	1E		Madison	
Jahne Lake Iroll	1200	24	15	16W	</		